

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
29 July 2004 (29.07.2004)

PCT

(10) International Publication Number
WO 2004/062476 A2

- (51) International Patent Classification?: **A61B**
(21) International Application Number: **PCT/US2004/000485**
(22) International Filing Date: **9 January 2004 (09.01.2004)**
(25) Filing Language: **English**
(26) Publication Language: **English**
(30) Priority Data: **60/438,966 9 January 2003 (09.01.2003) US**
(71) Applicant (for all designated States except US): **THE RESEARCH FOUNDATION OF STATE UNIVERSITY OF NEW YORK [US/US]; Albany, NY 12201-0009 (US).**

- (72) Inventor; and
(75) Inventor/Applicant (for US only): **GOLD, Avram [US/US]; 46 Pasadena Drive, Plainview, NY 11803 (US).**

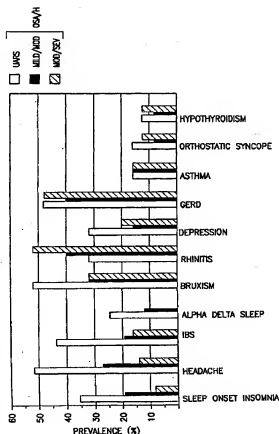
(74) Agents: **BALDAUF, Kent, E., Jr. et al.; Webb, Ziesenheim, Logsdon, Orkin & Hanson, P.C., 700 Koppers Building, 436 Seventh Avenue, Pittsburgh, PA 15219-1818 (US).**

(81) Designated States (unless otherwise indicated, for every kind of national protection available): **AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, VC, YU, ZA, ZM, ZW.**

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): **ARIPO (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR,**

[Continued on next page]

(54) Title: **METHOD OF TREATING FUNCTIONAL SOMATIC SYNDROMES AND DIAGNOSING SLEEP DISORDERS BASED ON FUNCTIONAL SOMATIC SYNDROME SYMPTOMS**



(57) Abstract: The method of treating functional somatic syndromes includes identifying a patient as having a functional somatic syndrome or a symptom thereof and treating such a patient with an airway stabilization technique. Suitable airway stabilization techniques include positive airway pressure therapies, such as a CPAP treatment, and a mechanical airway stabilization device, such as an oral appliance, a tissue distending device, and a stimulation device. The method of diagnosing a sleep disorder includes determining whether a patient suffers from one or more symptoms of a functional somatic syndrome, and diagnosing such a patient having one or more symptoms of a functional somatic syndrome as having sleep-disordered breathing. The method may further include treating such a patient with an airway stabilization technique.

WO 2004/062476 A2



GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

Published:

- without international search report and to be republished upon receipt of that report